What is claimed is:

1. A navigation method for use in vehicle navigation systems (25) in which a route is calculated in an on-board vehicle navigation system (25) in a vehicle (20), and information from a control center (30) is transmitted to the vehicle information system (25) for the purpose of optimized route planning,
characterized by the step in which only the delta information (40) representing the required necessary deviations from the previously calculated route for driving an alternative section of the route is transmitted from the control center to the vehicle navigation system (25).

2. The method according to Claim 1, including the step of transmitting the current vehicle position, the destination of the route and the database version information to the control center (30) to initiate an optimized route planning.

3. A method for controlled management of motor vehicle traffic flow, in which information is transmitted from a control center (30) to on-board vehicle navigation systems (25) in the vehicles (20) for the purpose of preventing traffic problems, including the step of distributing the traffic flow among a plurality of detour segments (AR1, AR2, AR3) in a controlled manner when there is a traffic problem and a plurality of feasible detour routes are available.

4. A vehicle navigation system set up for carrying out the method according to one of the preceding Claims 1 and 2.

5. A program for use in a traffic control center (30) containing program code suitable for executing the method according to Claim 3.

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